

Rat ABCA1 Monoclonal Antibody | anti-ABCA1 antibody

RAT ANTI MOUSE ABCA1:RPE

CATALOG # AAA49776	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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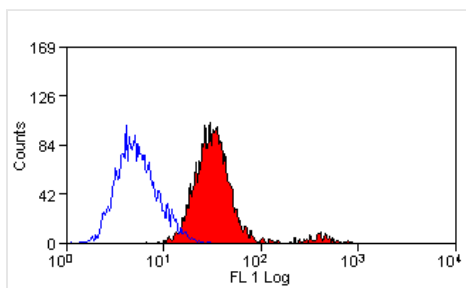
PRODUCT SYNONYMS

ABCA1; Monoclonal Antibody; RAT ANTI MOUSE ABCA1:RPE; anti-ABCA1 antibody

PRODUCT SPECIFICATIONS

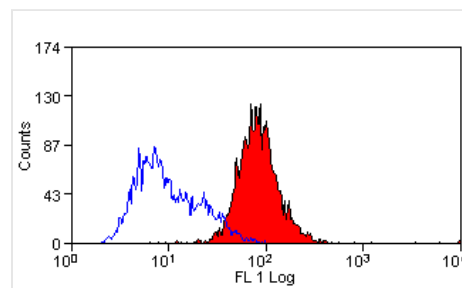
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5A1-1422
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	2261
Applicable Applications for anti-ABCA1 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1ml distilled water Perservative Stabilisers
Immunogen	ABCA1 transfected HeLa cells. Buffer Solution
Target Species	Mouse
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



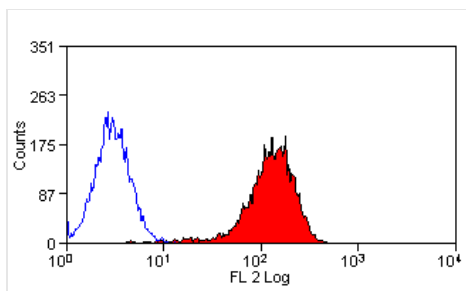
Application Data

Staining of pCPT-cAMP stimulated RAW264.7 cells with Rat anti Mouse ABCA1:FITC



Application Data

Staining of pCPT-cAMP stimulated RAW264.7 cells with Rat anti Mouse ABCA1:Alexa Fluor 488



Application Data

Staining of pCPT-cAMP stimulated RAW264.7 cells with Rat anti Mouse ABCA1:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-ABCA1 antibody

Rat anti Mouse ABCA1 antibody, clone 5A1-1422 recognizes murine adenosine triphosphate (ATP) Binding cassette transporter 1 (ABCA1). The ABC transporters are a large family of conserved proteins that transport a wide variety of molecules across cellular membranes. ABCA1 is a member of the ABC-A sub-family, which acts as a lipid translocator. The molecule was originally identified as a scavenger receptor on macrophages and research shows that ABCA1 also plays a major role in cholesterol metabolism. ABCA1 may play an important role in protecting against cardiovascular disease. Mutations in ABCA1 gene have been associated with Tangiers disease, a genetic disorder of lipid metabolism, and familial high density lipoprotein (HDL) deficiency.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90568038
NCBI GeneID	11303
NCBI Accession #	NP_038482.3
NCBI GenBank Nucleotide #	NM_013454.3
UniProt Accession #	P41233; B1AWZ8
Molecular Weight	253,912 Da
NCBI Official Full Name	ATP-binding cassette sub-family A member 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), member 1
NCBI Official Symbol	Abca1
NCBI Official Synonym Symbols	Abc1; ABC-1
NCBI Protein Information	ATP-binding cassette sub-family A member 1; ATP-binding cassette 1; ATP-binding cassette transporter 1
UniProt Protein Name	ATP-binding cassette sub-family A member 1
UniProt Gene Name	Abca1
UniProt Synonym Gene Names	Abc1; ABC-1; ATP-binding cassette 1
UniProt Entry Name	ABCA1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/abca1-antibody-clone-5a1-1422-flow-cytometry-elisa/49776>